

IFW/92B



Serial No. 09/998,372

Docket No.: 005917 USA/FET/FET

PATENT/OFFICIAL

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Young Joseph PAIK

Serial No. 09/998,372

Filed: November 30, 2001

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Group Art Unit: 3723

Examiner: Robert A. Rose

For: CONTROL OF CHEMICAL MECHANICAL POLISHING PAD CONDITIONER  
DIRECTIONAL VELOCITY TO IMPROVE PAD LIFE

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This submission does not constitute a representation that a search has been made or that no better art exists and does not constitute an admission or representation that any of the listed documents is material or constitutes prior art. If it should be determined that any of the listed documents does not constitute prior art under the United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such document.

Serial No. 09/998,372

The reference listed on Sheet 1 of the attached PTO-1449 Forms was cited in a patentability investigation and/or a corresponding foreign or PCT application relating to the above-referenced application. The remaining references are from potentially related patent applications, and possibly other sources.

The referenced patent application was allowed on November 10, 2004. Applicant petitions for consideration of the enclosed documents by the Examiner. The petition fee of \$180.00 pursuant to 37 CFR § 1.17(p) is attached. No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement. The Commissioner is authorized to charge any deficiency in any fees pursuant to 37 CFR § 1.17 associated with this communication and to credit any excess payment to Deposit Account No. 08-0219.

Respectfully submitted,

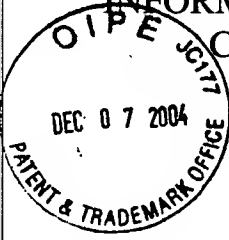
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Date: 12/7/04

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|  <p>INFORMATION DISCLOSURE<br/>CITATION IN AN<br/>APPLICATION<br/>(PTO-1449)</p> | ATTY. DOCKET NO.<br>005917 USA/FET/FET  | SERIAL NO.<br>09/998,372 |
|   | APPLICANT<br>Young Joseph PAIK  |                          |
|   | FILING DATE<br>November 30, 2001  | GROUP<br>3723            |
| <b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |   |                          |
|   | October 12, 2004. International Preliminary Examination Report for PCT Serial No. PCT/US02/19061. |                          |
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| EXAMINER  | DATE CONSIDERED   |                          |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

| <b>INFORMATION DISCLOSURE<br/>CITATION IN AN<br/>APPLICATION</b><br><br>(PTO-1449) |                 |          |                  | <b>ATTY. DOCKET NO.</b><br>005917 USA/FET/FET |          | <b>SERIAL NO.</b><br>09/998,372 |  |
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|  |                 |          |                  | <b>APPLICANT</b><br>Young Joseph PAIK         |          |                                 |  |
|  |                 |          |                  | <b>FILING DATE</b><br>November 30, 2001       |          | <b>GROUP</b><br>3723            |  |
| <b>U.S. PATENT DOCUMENTS</b>   |                 |          |                  |   |          |                                 |  |
| EXAMINER'S<br>INITIALS   | PATENT NO.      | DATE     | NAME             | CLASS   | SUBCLASS | FILING<br>DATE                  |  |
|  | 6,381,564 B1    | 04/30/02 | David et al.     |   |          | 05/03/99                        |  |
|  | 2002/0183986 A1 | 12/05/02 | Stewart et al.   |   |          | 05/30/01                        |  |
|  | 2003/0154062 A1 | 08/14/03 | Daft et al.      |   |          | 10/15/01                        |  |
|  | 6,529,789 B1    | 03/04/03 | Campbell et al.  |   |          | 03/14/02                        |  |
|  | 6,774,998 B1    | 08/10/04 | Wright et al.    |   |          | 12/27/01                        |  |
|  | 6,751,518 B1    | 06/15/04 | Sonderman et al. |   |          | 04/29/02                        |  |
|  | 6,678,570 B1    | 01/13/04 | Pasady et al.    |   |          | 06/26/01                        |  |
|  | 6,735,492 B2    | 05/11/04 | Conrad et al.    |   |          | 07/19/02                        |  |
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| <b>EXAMINER</b>  |                 |          |                  | <b>DATE CONSIDERED</b>                        |          |                                 |  |

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|  <p style="text-align: center;"><b>INFORMATION DISCLOSURE<br/>CITATION IN AN<br/>APPLICATION<br/>(PTO-1449)</b></p> | ATTY. DOCKET NO.<br>005917 USA/FET/FET   | SERIAL NO.<br>09/998,372 |
|  | APPLICANT<br>Young Joseph PAIK   |                          |
|  | FILING DATE<br>November 30, 2001   | GROUP<br>3723            |
| <b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>  |  |                          |
|  | September 15, 2004. Office Action for U.S. Serial No. 10/632,107, filed August 1, 2003.          |                          |
|  | September 29, 2004. Office Action for U.S. Serial No. 09/363,966, filed July 29, 1999.           |                          |
|  | October 1, 2004. International Preliminary Examination Report for PCT Serial No. PCT/US03/23964. |                          |
|  | October 6, 2004. Office Action for U.S. Serial No. 10/759,108, filed January 20, 2004.           |                          |
|  | November 17, 2004. Written Opinion for PCT Serial No. PCT/US01/27407.                            |                          |
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